

FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B



*Edmonson*  
*10-27-03*  
*4/11*

**INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	42055/SAH/K415
Application Number	10/020,718
Filing Date	December 14, 2001
Applicant(s)	Phillip J. Kelman, Ph.D.
Group Art Unit	<del>8718</del> 3714
Examiner Name	<del>Unknown</del> C. Harris

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

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**FOREIGN PATENT DOCUMENTS**

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EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	TECHNOLOGY CENTER R3700 (✓)

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>CH</i>		AHISSAR, Merav, et al.; "Task difficulty and the specificity of perceptual learning," Nautre; May 1997; pp. 401-406; Vol. 387
<i>CH</i>		BENNETT, Robert, et al.; "The effect of training on visual alignment discrimination and grating resolution," Perception & Psychophysics; 1991; pp. 541-546; Vol. 49 (6)
<i>CH</i>		CHASE, William G., et al.; "Perception in Chess," Cognitive Psychology; 1973; pp. 386-403; Vol. 6.4
<i>CH</i>		FAHLE, M., et al.; "Fast Perceptual Learning in Hyperacuity," Vision Research; 1995; pp. 3003-3013; Vol. 35, No. 21
<i>CH</i>		GIBSON, Eleanor J.; "Towards a Definition and a Taxonomy of Perceptual Learning," Principles of Perceptual Learning & Development; 1969; pp.1-9
<i>CH</i>		GIBSON, Eleanor J.; "A Differentiation Theory of Perceptual Development," Principles of Perceptual Learning & Development; 1969; pp.75-83
<i>CH</i>		GIBSON, Eleanor J.; "A Differentiation Theory of Perceptual Development: Principles and Mechanisms," Principles of Perceptual Learning & Development; 1969; pp. 95-117
<i>CH</i>		GIBSON, Eleanor J., et al.; "Three Trends in Perceptual Development," Principles of Perceptual Learning & Development; 1969; pp. 450-471
<i>CH</i>		GIBSON, James J., et al.; "Perceptual Learning : Differentiation or Enrichment?," Psychological Review; 1955; pp. 33-41; Vol. 62, No. 1
<i>CH</i>		GIBSON, Eleanor J., et al.; "A Developmental Study of the Discrimination of Letter-Like Forms," Journal of Comparative and Physiological Psychology; 1962; pp. 897-906; Vol. 55, No. 6

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CH		GOLDSTONE, Robert; "Influences of Categorization on Perceptual Discrimination," Journal of Experimental Psychology: General; 1994; pp. 178-200; Vol. 123, No. 2
CH		KARNI, Avi, et al.; "The Time Course of Learning a Visual Skill," Nature; September 1993; pp. 250-252; Vol. 365, No. 6443
CH		KELLMAN, Philip J., et al.; "Modeling Perceptual Learning of Abstract of Invariants," Proceedings of the Twenty-First Annual Conference of the Cognitive Science Society; August 1999; pp. 264-269; Lawrence Erlbaum Associates (LEA), Mahwah, New Jersey
CH		KELLMAN, Philip J., et al.; "Perceptual Learning Modules in Flight Training," Proceedings of the Human Factors and Ergonomics Society 38 <sup>th</sup> Annual Meeting; 1994; pp. 1183-1187
CH		KELLMAN, Philip J., et al.; "Training Pilots' Pattern Recognition Skills: Perceptual Learning Modules (PLMs) in Instrument Flight Training," Proceedings of the 2 <sup>nd</sup> Annual Embry-Riddle Aeronautical University Flight Instructor Conference; April 1999; pp.85-92; Embry-Riddle Aeronautical University Aeronautical Science Department; Daytona Beach, Florida
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CH		MERZENICH, Michael M., et al.; "Temporal Processing Deficits of Language-Learning Impaired Children Ameliorated by Training," Science; January 1996; pp. 77-81, Vol. 271 (5245)
CH		PICK, Anne D.; "Improvement of Visual and Tactual Form Discrimination," Journal of Experimental Psychology; April 1965; pp. 331-339, Vol. 69, No. 4
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CH		SHIFFRIN, Richard M., et al.; "Controlled and Automatic Human Information Processing: II. Perceptual Learning, Automatic Attending, and a General Theory," Psychological Review; March 1977; pp. 127-190; Vol. 84, No. 2
CH		SILVA, Ana B., et al.; "Perceptual Learning in Mathematics: The Algebra-Geometry Connection," Proceedings of the Twenty First Annual Conference of the Cognitive Science Society; August 1999; 6 pages; Lawrence Erlbaum Associates (LEA), Mahwah, New Jersey

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CH		TALLAL, Paula, et al.; "Language Learning Impairment: Integrating Research and Remediation," Scandinavian Journal of Psychology; 1998; pp. 197-199; Vol. 39, No. 3; Blackwell Publishers, U.K. and U.S.A.
CH		VOGELS, Rufin, et al.; "The Effect of Practice on the Oblique Effect in Line Orientation Judgments," Vision Research; 1985; pp. 1679-1687; Vol. 25, No. 11
CH		WISE, Joseph A., et al.; "Perceptual Learning Modules in Mathematics and Science Instruction," Proceedings of the 2000 TechEd Conference, Amsterdam: IOS Press 2000; 9 pages

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*Chanda L. Harris*

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*12/20/03*

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